EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"10519548"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:01
S2	1	"10519548".rlan. or ("10".src. and "519548".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/05/19 11:01
S3	98	429/2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:02
S4	68	S3 and (fuel adj cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:02
S5	2	"62256382"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:06
S6	12	"981803"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/19 11:07
S7	74	(bio near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:13
S8	140	(bio$5 near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:13
S9	85	S8 and ((organic or bio or biological) near2 (fuel or waste))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:14
S10	0	S9 and ((separator or partition or wall) with ((plastic or glass) near2 fiber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:15
S11	26	S9 and (separator or partition or wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:16
S13	201	((bio$5 or biological) near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:18
S14	140	S13 and ((organic or bio or biological) near2 (fuel or waste))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/20 11:19

S15	19	S14 and (separator or partition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:19
S16	32	S13 and (separator or partition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/05/20 11:19
S17	268	(((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/21 13:11
S18	14	S17 and (bipolar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/21 13:12
S19	12	"981803"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 13:06
S20	1	"0981803"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 13:07
S21	275	(((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:21
S22	167	S21 and (separator or partition or membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:21
S23	2	S22 and (fiberglass or (fiber near2 glass))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:34
S24	7	S21 and ((separator or partition or membrane) with (non $1woven or nonwoven or (non near2 woven)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:36
S25	2	"4,294,891".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:39
S26	2	S21 and ((separator or partition or membrane) with ((glass or plastic) near3 fiber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:40
S27	278	(((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/02 14:45
S28	334	(((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:45

S29	226	S28 and (separator or diaphragm or partition or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:46
S30	5	S29 and (fiberglass or (fiber near2 glass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:46
S31	11	S29 and ((separator or diaphragm or partition or membrane) with (non $1woven or nonwoven or (non near2 woven)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:47
S32	2	S29 and ((separator or partition or membrane) with ((glass or plastic) near3 fiber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:48
S33	2	S29 and ((separator or diaphragm or partition or membrane) with ((glass or plastic) near3 fiber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 14:48
S34	417	((((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 15:20
S35	248	S34 and (separator or diaphragm or partition or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 15:20
S36	47050	((fuel adj cell) and (separator or diaphragm or partition or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 16:20
S37	6	S36 and ((sintered near2 glass) same (fiberglass or (glass near2 fiber) or (fiber near2 glass) or (glass near2 mat) or AGM))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 16:22

S38	417	((((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:22
S39	2	S38 and (humic near2 acid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:22
S40	108	S38 and (electron near2 (transfer$3 or mediator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:56
S41	8	S40 and anthraquinone$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:56
S42	1	S38 and anthraquinone $1disulfonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:58
S43	26	S38 and (soil or (ground near2 water))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 14:58
S44	119	429/2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:01
S45	37	S44 and (electron near2 (transfer$3 or mediator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:02
S46	1480	"429"/$.ccls. and (electron near2 (transfer$3 or mediator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:03
S47	0	S46 and ((transfer or mediator) with (humic or anthraquinone $1disulfonic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:04
S48	3	S46 and ((transfer or mediator) with (humic or (anthraquinone near2 disulfonic)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:04
S49	5	S46 and (anthraquinone$1 near2 disulfonic near2 acid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 15:05

S50	417	((((bio or biological) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:16
S51	1	S50 and ((storage with battery) and ((air or oxygen) with pump))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:16
S52	317	(((fuel adj cell) near2 system) and ((storage with battery) and ((air or oxygen) with pump)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:17
S53	457	((((bio or biological or biochemical) near2 (fuel adj cell)) or (biofuel adj cell)) or ((organic near2 waste) with (fuel adj cell)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:43
S54	57	S53 and (catalyst with ((precious adj metal) or platinum or gold or silver or palladium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:44
S55	5	"5,660,940"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 09:49
S56	75	S53 and (catalyst with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:06
S57	47069	((fuel adj cell) and (separator or diaphragm or partition or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:25
S58	291	S57 and (PUR! or (polyurethane near2 foam))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:25
S59	13	S58 and ((PUR! or (polyurethane near2 foam)) same (fiberglass or (sintered near2 glass) or (glass near2 fiber)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:27

S60	22	((fuel adj cell) and ((PUR! or (polyurethane adj foam)) with (separator barrier membrane)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:35
S61	3703	"429"/$.ccls. and (AGM glassmat (glass near3 fibre) (glass near3 fiber) fiberglass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:05
S62	870	S61 and (fuel adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:05
S63	98	S62 and ((separator partition) with (AGM glassmat (glass near3 fibre) (glass near3 fiber) fiberglass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:05
S64	12	S63 and (PUR! or polyurethane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 11:06
S65	5	((JAN) near2 (GERRITSE)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/04 11:18
S66	2	((MACHIEL) near2 (SAAKES)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/04 11:19
S67	2	((ALFONS) near2 (STAMS)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/04 11:19
S68	5	"4126934".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/09 13:23
S69	3	"0104061"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/09 13:26
S70	180	(bio$5 near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/21 08:38
S71	172	((bio or biological) near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/21 08:38
S72	132	429/2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/21 08:38

S73	1501	"429"/$.ccls. and ((bio biological waste) with (fuel adj cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/21 08:39
S74	92	429/2.ccls. and (bio biological (organic near2 waste))	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/07/30 08:13
S75	254	"429"/$.ccls. and ((bio biological (organic near2 waste)) same fuel)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/07/30 08:13
S76	30	S75 and (aerobic and anaerobic)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/07/30 08:14
S77	42	S75 and ((channel compartment$3) same (wall separator partition))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 08:15
S78	5	((JAN) near2 (GERRITSE)).INV.	US-PGPUB; USPAT	OR	OFF	2009/07/30 08:16
S79	2	((MACHIEL) near2 (SAAKES)).INV.	US-PGPUB; USPAT	OR	OFF	2009/07/30 08:16
S80	2	((ALFONS) near2 (STAMS)).INV.	US-PGPUB; USPAT	OR	OFF	2009/07/30 08:16
S81	7	S78 S79 S80	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 08:16
S82	72	S75 and (membrane same compartment$3)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 08:23
S83	1	S75 and ((cation near2 exchange near2 membrane) same (woven non $1woven))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 08:50
S84	268	"429"/$.ccls. and ((bio with fuel with cell) (biofuel adj cell) ((bio biological (organic near2 waste)) same fuel))	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/07/30 08:50
S85	1	S84 and ((cation near2 exchange near2 membrane) same (woven non $1woven))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 08:50

S86	0	"429"/$.ccls. and ((cation adj exchange adj membrane) same ((non$1woven woven) near2 mat))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 08:53
S87	3	"429"/$.ccls. and ((cation adj exchange adj membrane) same ((non$1woven woven) near2 (fiber fibre)))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 08:54
S88	0	"429"/$.ccls. and ((cation adj exchange adj membrane) same ((non$1ion)))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 08:55
S89	1	"429"/$.ccls. and ((cation adj exchange adj membrane) same (fiber near2 mat))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 08:56
S90	386	"429"/$.ccls. and ((membrane separator) same (PVC PUR PUR$1foam))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 09:03
S91	2	"429"/$.ccls. and ((cation adj exchange adj membrane) same (PVC PUR PUR $1foam))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 09:04
S92	109	S90 and (fuel adj cell)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 09:06
S93	21	S84 and (bipolar)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 09:21
S94	321	((biofuel adj cell) (bio $1fuel adj cell))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 09:22
S95	24	S94 and bipolar	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 09:23
S96	23	S92 and (bipolar)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 09:24
S97	0	10/030153	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 10:43
S98	2	"5976719".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/07/30 10:43

S99	5	"981803"	EPO; DERWENT	OR	OFF	2010/02/26 08:25
S100	0	"0981803"	EPO; DERWENT	OR	OFF	2010/02/26 08:25
S101	3	"1981803"	EPO; DERWENT	OR	OFF	2010/02/26 08:26
S102	4	"4345148"	EPO; DERWENT	OR	OFF	2010/02/26 08:26
S103	375	((biofuel adj cell) (bio $1fuel adj cell))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/26 08:55
S104	77	S103 and ((cell near2 stack$2) interconnect $3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/26 08:55
S105	20651	"429"/$.ccls. and (fuel adj cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/26 09:04
S106	222	S105 and (bi$1polar with interconnect$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/26 09:04
S107	17	S106 and (separator same channels)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/26 09:05
S108	10288	S105 and (cell near3 stack)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/26 09:05
S109	2077	S108 and interconnect $3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/26 09:06
S110	437	S109 and ((separator partition) same (channel passage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/26 09:06
S111	155	S110 and bipolar	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/26 09:12
S112	572	S109 and bipolar	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/26 09:23
S113	417	S112 not S111	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/26 09:23
S114	1514	S108 and ((MEA electrolyte) with bipolar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/26 09:38
S115	1270	S114 not (S113 S112)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/26 09:39

S116	258	(bio$5 near2 (fuel adj cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/03/01 13:58
S117	159	S116 and ((organic or bio or biological) near2 (fuel or waste))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/03/01 13:58
S118	49	S117 and (separator or partition or wall)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/03/01 13:58

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	"429"/$.ccls. and ((organic adj waste) and fuel and cell and anaerobic and aerobic and bipolar).clm.	USPAT; UPAD	OR	OFF	2010/06/16 09:25
L3	0	"429"/$.ccls. and ((organic adj waste) and fuel and cell and anaerobic and aerobic and bipolar).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/06/16 09:25
L4	1	"429"/$.ccls. and ((organic adj waste) and cell and anaerobic and aerobic and bipolar).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/06/16 09:25

6/16/2010 9:26:05 AM
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